

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	43	(timothy.in. and mate.in.) or (steven.in. and dimmer.in.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/02 10:47
S2	19	S1 and radiation and marker and sensor and computer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/02 10:47
S3	19	S1 and control and radiation and marker and sensor and computer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/02 18:19
S5	69	("4017858"   "4466075"   "4642786"   "4737794"   "4849692"   "4945305"   "5050608"   "5099845"   "5188368"   "5198877"   "5221269"   "5240011"   "5325873"   "5377678"   "5397329"   "5411210"   "5417026"   "5417210"   "5425382"   "5446548"   "5453686"   "5515853"   "5526812"   "5528651"   "5546951"   "5558091"   "5568809"   "5572999"   "5617857"   "5622170"   "5622187"   "5629967"   "5630431"   "5681326"   "5727552"   "5745545"   "5779638"   "5797849"   "5805661"   "5817022"   "5820553"   "5823192"   "5828770"   "5830144"   "5868673"   "5868675"   "5879357"   "5902238"   "5902310"   "5913820"   "5923417"   "5987349"   "6015390"   "6019725"   "6026818"   "6049587"   "6052477"   "6061644"   "6064904"   "6067465"   "6094007"   "6097994"   "6144875"   "6173715"   "6239724"   "6363940"   "6401722"   "6474341"   "RE35816").PN.	USPAT	OR	ON	2007/04/02 11:56

S6	3	S1 and (control with system) and radiation and marker and sensor and computer and support and (drive with system)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/02 11:19
S7	12	S5 and radiation and (marker) and sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/02 17:43
S8	20	(radiation with (source or beam)) and (sensor with marker) and computer and (beam with isocenter)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/03 11:52
S10	69	("4017858"   "4466075"   "4642786"   "4737794"   "4849692"   "4945305"   "5050608"   "5099845"   "5188368"   "5198877"   "5221269"   "5240011"   "5325873"   "5377678"   "5397329"   "5411210"   "5417026"   "5417210"   "5425382"   "5446548"   "5453686"   "5515853"   "5526812"   "5528651"   "5546951"   "5558091"   "5568809"   "5572999"   "5617857"   "5622170"   "5622187"   "5629967"   "5630431"   "5681326"   "5727552"   "5745545"   "5779638"   "5797849"   "5805661"   "5817022"   "5820553"   "5823192"   "5828770"   "5830144"   "5868673"   "5868675"   "5879357"   "5902238"   "5902310"   "5913820"   "5923417"   "5987349"   "6015390"   "6019725"   "6026818"   "6049587"   "6052477"   "6061644"   "6064904"   "6067465"   "6094007"   "6097994"   "6144875"   "6173715"   "6239724"   "6363940"   "6401722"   "6474341"   "RE35816").PN.	USPAT	OR	ON	2007/04/02 18:19
S11	1	S10 and (wireless with marker)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/02 17:47

S12	1	"6405072".pn.	USPAT	OR	ON	2007/04/02 18:19
S13	2973	600/427,411,436.ccls. or 378/65,205.ccls. or 128/899.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/03 11:52
S14	191	S13 and radiation and marker and sensor and computer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/03 11:53
S15	2	("6307473"   "6611700"). PN.	USPAT	OR	OFF	2007/11/08 13:56
S16	2	("20050059884"   "20060079764").pn.	US-PGPUB	OR	OFF	2007/11/08 13:57
S17	4	S15 or S16	US-PGPUB; USPAT	OR	OFF	2007/11/08 15:12
S18	8	(wireless adj (sensor or marker)) same coordinate same (target)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/08 14:16
S19	1	S17 and wireless	US-PGPUB; USPAT	OR	OFF	2007/11/08 15:12
S20	4	("5782771"   "5866914"   "6336904"   "6405072"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/08 16:55
S21	11	("6611700").URPN.	USPAT	OR	OFF	2007/11/08 15:37
S22	315	wireless with (position adj sensor)	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/08 16:59
S23	3	S22 same (radiation or irradiat\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/08 17:29
S24	18	("20020065455"   "20020193685"   "20030120150"   "20030192557"   "20040052604"   "20040239314"   "5211165"   "5391199"   "5443489"   "6147480"   "6239724"   "6314310"   "6373240"   "6484118"   "6690963"   "6332089"   "6427314"   "6618612"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/08 17:30
S25	14	S24 and (radiation or irradiat\$4) and (position \$3 with (sensor or mark \$3))	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/08 17:42
S26	3	S24 and (wireless) with (position\$3 with (sensor or mark\$3))	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/08 17:40

S27	1	"6239724".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/08 17:40
S28	10	S24 and (radiation or irradiation\$4) and (position \$3 adj (sensor or mark \$3))	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/12 11:17
S29	246	(wireless with (position adj (sensor or mark\$3)))	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/12 11:18
S30	30	(wireless adj (position adj (sensor or mark\$3)))	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/12 11:18
S31	24	(wireless adj (position adj (sensor or mark\$3))) and (radiation\$3 or irradiation \$3 or isocenter)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/12 11:25
S32	21	10/029595	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/12 11:25
S33	16	10/029595	US-PGPUB	OR	OFF	2007/11/12 11:25
S34	0	S33 and isocenter	US-PGPUB	OR	ON	2007/11/12 11:25
S35	15	S33 and (irradiation\$3 or radiation\$3 or beam)	US-PGPUB	OR	ON	2007/11/12 12:32
S36	15	S33 and ((irradiation\$3 or radiation\$3 or beam) same (mark\$3 or tag\$4 or sens \$3))	US-PGPUB	OR	ON	2007/11/12 11:31
S37	1	10/743531	US-PGPUB	OR	ON	2007/11/12 11:31
S38	1	S37 and ultrasound\$7	US-PGPUB	OR	ON	2007/11/12 11:31
S39	12	S33 and (support or table or bed or carrier)	US-PGPUB	OR	ON	2007/11/12 12:17
S40	538	600/424,427.ccls.	US-PGPUB	OR	ON	2007/11/12 12:18
S43	1184	600/424,427.ccls.	US-PGPUB; USPAT	OR	ON	2007/11/12 12:18
S47	18	((position adj (marker or sensor)) with (implant\$4 or wireless)) same (isocenter or irradiation\$4 or radiation\$4)	US-PGPUB; USPAT	OR	ON	2007/11/12 12:28
S48	69	(sensor or maker) with (position with orientation) with (irradiation \$4 or radiation\$4 or isocenter)	US-PGPUB	OR	ON	2007/11/12 12:32

S49	97	(sensor or maker) with (position with orientation) with (irradiation or radiation or isocenter)	USPAT	OR	ON	2007/11/12 12:33
S50	0	((sensor or maker) with (position with orientation) with (irradiation or radiation or isocenter)) same (target or tumor) same (implant or insert)	USPAT	OR	ON	2007/11/12 12:33
S51	12	((sensor or maker) with (position with orientation) with (irradiation or radiation or isocenter)) and ((implant or insert) with (sensor or marker))	USPAT	OR	ON	2007/11/12 12:46
S52	16	(wireless adjustment (position or location or orientation) adjustment (sensing or marking))	USPAT	OR	ON	2007/11/12 12:49
S53	16	(wireless adjustment (position or location or orientation or electromagnetic) adjustment (sensing or marking))	USPAT	OR	ON	2007/11/12 12:50
S54	159	(wireless with (sensing or marking)).ti.	USPAT	OR	ON	2007/11/12 12:50
S55	4	("5782771"   "5866914"   "6336904"   "6405072").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/12 14:51
S56	104	("3821469"   "3983474"   "4058114"   "4068156"   "4068556"   "4182312"   "4262306"   "4341220"   "4358856"   "4407298"   "4457311"   "4465069"   "4473074"   "4506676"   "4571834"   "4583538"   "4592352"   "4602622"   "4608977"   "4638798"   "4645343"   "4651732"   "4659971"   "4660970"   "4674057"   "4686997"   "4698777"   "4701049"   "4701407"   "4705395"   "4705401"   "4706665"   "4709156"   "4722056"   "4723544"   "4733661"   "4733969"   "4737032"   "4742815"   "4743770"   "4743771"   "4745290"   "4750487"   "4753128"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/12 13:03

		"4753528"   "4761072"   "4762016"   "4764016"   "4776749"   "4779212"   "4791934"   "4794262"   "4805615"   "4809694"   "4821200"   "4821206"   "4822163"   "4825091"   "4829373"   "4835710"   "4836778"   "4841967"   "4875478"   "4896673"   "4931056"   "4933843"   "4943296"   "4945914"   "4954043"   "4955891"   "4961422"   "4991579"   "5016639"   "5017139"   "5027818"   "5047036"   "5050608"   "5078140"   "5080662"   "5086401"   "5094241"   "5097839"   "5099836"   "5107839"   "5119817"   "5142930"   "5186174"   "5193106"   "5197476"   "5207223"   "5211164"   "5224049"   "5230338"   "5251127"   "5305203"   "5315630"   "5383454"   "5389101"   "5617857"   "5622170"   "5662111"   "5755725"   "6006126").PN.				
S57	41	S56 and ((sensor or marker) with (position or orientation))	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/12 13:03
S58	10	S56 and ((sensor or marker) with (position or orientation) with (wireless or implant\$4 or insert\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/12 13:05
S59	16	(position adj (sensor or marker)).ti. and ((sensor or marker) with wireless)	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/12 13:28
S60	10	("20020154029"   "20030167000"   "5057095"   "5725578"   "5833608"   "6073043"   "6239724"   "6301545"   "6396438"   "6447448"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/12 13:31
S62	8	S60 and (irradiat\$4 or radiat\$4 or isocenter or tumor) and ((position or orientation) with (sensor or transponder or transducer or mark\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/12 13:34

S63	509	(controller near computer) same radiation	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/13 09:49
S64	2	(US-6239724-\$ or US-6611700-\$).did.	USPAT	OR	OFF	2007/11/13 12:50
S65	2	S64 and (three adj dimensional)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/13 13:05
S66	107	(controller near memory) same radiation	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/13 13:12
S67	0	10/743531 and (memory or stor\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/13 13:12
S68	1	10/743531	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/13 13:12
S69	0	S68 and memory	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/13 13:15
S70	0	S68 and stor\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/13 13:13
S71	30	09/877498	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/15 10:48
S72	30	S71 and implant\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/15 10:48
S73	69	("4017858"   "4466075"   "4642786"   "4737794"   "4849692"   "4945305"   "5050608"   "5099845"   "5188368"   "5198877"   "5221269"   "5240011"   "5325873"   "5377678"   "5397329"   "5411210"   "5417026"   "5417210"   "5425382"   "5446548"   "5453686"   "5515853"   "5526812"   "5528651"   "5546951"   "5558091"   "5568809"   "5572999"   "5617857"   "5622170"   "5622187"   "5629967"   "5630431"   "5681326"   "5727552"   "5745545"   "5779638"   "5797849"   "5805661"   "5817022"   "5820553"   "5823192"   "5828770"   "5830144"   "5868673"   "5868675"	USPAT	OR	ON	2008/12/15 13:01

		"5879357"   "5902238"   "5902310"   "5913820"   "5923417"   "5987349"   "6015390"   "6019725"   "6026818"   "6049587"   "6052477"   "6061644"   "6064904"   "6067465"   "6094007"   "6097994"   "6144875"   "6173715"   "6239724"   "6363940"   "6401722"   "6474341"   "RE35816").PN.				
S74	2	S73 and dumoulin.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/15 13:01
S75	1	(US-5377678-\$).did.	USPAT	OR	OFF	2008/12/15 13:28
S76	0	S75 and wireless	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/15 13:28
S77	0	S75 and wireless\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/15 13:28
S78	34	(implant\$4 with marker) same (sensor with array)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/15 13:32
S87	0	(marker) same (external with transmitter) same (sensor with array)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/15 14:48
S88	9	(marker) same (external with transmitter) same (sensor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/15 14:48
S91	17	("5782771"   "5866914"   "6336904"   "6405072"). PN. OR ("6611700"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/15 15:37
S92	14	(track\$3 with marker with sensor with array) and (radiation)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/15 15:44
S93	44	(wireless with mark\$3) same (sensor with array)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/15 16:06
S94	5	(wireless with mark\$3) with (sensor with array)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/15 16:06
S95	2	"10438550"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/22 11:14



S96	389	("20010018594"   "20020193685"   "20030052785"   "20030088178"   "20030117269"   "20030117270"   "20040074974"   "20040125916"   "20040127787"   "20040138554"   "20040138555"   "20050059884"   "3577160"   "3752960"   "3836842"   "3967161"   "3969629"   "4017858"   "4023167"   "4065753"   "4114601"   "4123749"   "4127110"   "4160971"   "4222374"   "4230123"   "4260990"   "4393872"   "4395910"   "4466075"   "4618822"   "4618978"   "4633250"   "4642786"   "4643196"   "4696287"   "4737794"   "4795995"   "4799495"   "4832055"   "4849692"   "4909789"   "4936823"   "4945305"   "4992794"   "4994079"   "5019713"   "5031634"   "5050608"   "5095224"   "5099845"   "5107862"   "5142292"   "5170055"   "5188368"   "5189690"   "5197466"   "5198877"   "5205289"   "5211129"   "5211164"   "5221269"   "5223851"   "5230338"   "5233990"   "5240011"   "5246005"   "5262772"   "5285772"   "5325873"   "5353804"   "5377678"   "5386191"   "5396889"   "5396905"   "5397629"   "5400787"   "5409004"   "5411026"   "5417210"   "5423334"   "5425367"   "5425382"   "5446548"   "5453686"   "5509900"   "5515853"   "5526812"   "5528651"   "5546951"   "5558091"   "5559435"   "5568809"   "5572999"   "5617857"   "5621779"   "5622170"   "5622187"   "5629967"   "5630431"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/22 11:19
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		"5636255"   "5638819"   "5645065"   "5680106"   "5681326"   "5697384"   "5707362"   "5707390"   "5724030"   "5727552"   "5735795"   "5745545"   "5749887"   "5764052"   "5769861"   "5779638"   "5782775"   "5797849"   "5805661"   "5810851"   "5815076"   "5817022"   "5817092"   "5820553"   "5823192"   "5828770"   "5830144"   "5840148"   "5868673"   "5868675"   "5879297"   "5879357"   "5895235"   "5902238"   "5902310"   "5907395"   "5910144"   "5913820"   "5923417"   "5928137"   "5951481"   "5963132"   "5987349"   "5989265"   "6015390"   "6019725"   "6026818"   "6049587"   "6059734"   "6061644"   "6062847"   "6064904"   "6067465"   "6076008"   "6082366"   "6094007"   "6097007"   "6097994"   "6129658"   "6129668"   "6130612"   "6140740"   "6144875"   "6173715"   "6198963"   "6230038"   "6239724"   "6246900"   "6363940"   "6363982"   "6371379"   "6385482"   "6400338"   "6401722"   "6405072"   "6416520"   "6441741"   "6474341"   "6518884"   "6675810"   "6698433"   "6701179"   "6734795"   "6812842"   "6905245"   "6918919"   "0605247"   "RE35816"). PN.				
S97	9	S96 and (marker same (sensor with array))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/22 11:20
S98	0	S96 and (wireless with marker same (sensor with array))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/22 11:20
S99	6	S96 and (marker same (sensor with array)) and (marker with implant\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/22 11:21

S100	3	S97 not S99	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/22 11:32
S101	37	implant\$4 with active with marker	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/22 11:36
S102	2	"6363940".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/22 11:41
S103	135	(marker with (sensor detector) with array) and ((marker with (within near body) implant\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/23 15:04
S104	26	(marker with (sensor detector) with array) same ((marker with (within near body) implant\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/23 15:06

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